

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 3036 | 360/31,59.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:19 |
| L4 | 450 | (contact\$3 near3 (head transducer assembly) near3 (med\$2 dis\$1)) and ((multiple several many plurals\$3) near2 head) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:22 |
| L5 | 29 | 1 and 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:27 |
| L6 | 1 | (head near2 assembly) same (glass near3 substrate) same (thermal\$2 near2 expansion near2 coefficient) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:28 |
| L7 | 28 | (head near2 assembly) and ((glass near3 substrate) same (thermal\$2 near2 expansion near2 coefficient)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:32 |
| L8 | 1 | (head near2 assembly) and (glass near3 substrate) and (thermal\$2 near2 expansion near2 coefficient) and (thermal\$2 near2 (misregistrat\$3 or mis\$1registrat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:33 |
| L9 | 1217 | (medi\$2 surface\$1 plan\$2 substrate) same glass same (expan\$4 near2 coefficient) and (piezo\$9 or pzt) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:36 |
| L10 | 1888 | (medi\$2 surface\$1 plan\$2 substrate) and (glass same (expan\$4 near2 coefficient)) and (piezo\$9 or pzt) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:37 |
| L11 | 2 | 9 and "360"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:38 |

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|-----|-----|--|---|----|----|------------------|
| L12 | 22 | 9 and "428"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:39 |
| L13 | 6 | ((head transducer) near3 assembly) and ((planar flat) near2 surface) and ((contatct\$3 slid\$3) near3 surface) and (low near2 thermal\$2 near2 expans\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:44 |
| L20 | 31 | ((thermal near2 expansion) and ((avoid\$3 reduc\$3 minimiz\$6 eliminat\$3) near3 (track near2 (mis\$1align\$4 mis\$1registrat\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 08:52 |
| L21 | 178 | (head near2 assembly) and (slid\$3 near2 (abutment contact\$3)) and (thermal\$2 near2 expan\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 09:05 |
| L22 | 12 | ((multiple plural\$3 array raid) near3 (head transducer)) and (thermal\$2 near2 expan\$4) and ((reduc\$3 eliminat\$3 avoid\$3 stop\$4) near3 (thermal\$2 near3 (misregistrat\$4 misalign\$4 offset))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 09:08 |
| L23 | 786 | 360/244,245,245.2,245.8,245.9,246. 1,246.4,246.8.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 09:29 |
| L24 | 19 | 4 and 23 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/04/24 09:29 |

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|-------|------|---|----------|------------------|---------|------------------|
| L15 | 0 | ((head transducer) near3 assembly) and ((planar flat) near2 surface) and ((contatct\$3 slid\$3) near3 surface) and (low near2 thermal\$2 near2 expans\$3)).CLM. | US-PGPUB | OR | ON | 2007/04/24 08:45 |
| L17 | 0 | ((head transducer) near3 assembly) and ((planar flat) near2 surface) and (slid\$3 near3 abut\$5) and (low near2 thermal\$2 near2 expans\$3)).CLM. | US-PGPUB | OR | ON | 2007/04/24 08:46 |
| L18 | 0 | ((head transducer) near3 assembly) and ((planar flat) near2 surface) and (slid\$3 near3 abut\$5) and (thermal\$2 near2 expans\$3)).CLM. | US-PGPUB | OR | ON | 2007/04/24 08:46 |
| L19 | 0 | ((head transducer) near3 assembly) and (thermal\$2 near2 expans\$3) and (thermal\$3 near2 (mis\$1registration or misregistration or miss\$1align\$4))).CLM. | US-PGPUB | OR | ON | 2007/04/24 08:48 |